

CONFIDENTIAL

12 February 1959

MEMORANDUM FOR: Chief, Technical Services Staff

SUBJECT : Request for Increase in Scope under Task II of
Contract RD-155 with [redacted]
[redacted] (ED-188B, Aircraft, C-54,
Dispatching Conveyor)

1. Description of the Project

This project will be a development effort leading to the fabrication of an aerial dispatching system compatible for a C-54 type aircraft equipped with inward opening cargo doors.

2. Purpose of the Project

Initiation of this project was requested by C/PP Staff for the [redacted] program. In an effort to satisfy the requirements of air dropping approximately 12,000 pounds of cargo over denied areas, in a matter of seconds, utilizing a minimum of personnel, a prototype conveyor system was designed, fabricated, and tested. The results obtained through testing the initial prototype conveyor indicated that certain modifications are necessary in order to more firmly establish the design criteria due to increased requirements of package size and weight over that initially requested. The remodified system is intended for static testing only using dummy loaded "bundles". Based upon the performance characteristics obtained, a final prototype will be fabricated and dynamically tested. It is hoped that the final prototype will meet all the requirements of a lightweight rapid delivery aerial dispatching conveyor.

At present a parallel program for modifying the air cargo doors of the C-54 type aircraft is in progress. The aerial dispatching system is to be used in conjunction with these doors. The presently used dispatching systems are limited to a 37" door opening. The completion of both the door and conveyor programs will allow for the utilization of a 55" door opening. Larger and heavier "bundles" may be accommodated and more rapid dispatching achieved.

3. Recommended Contractor

The recommended contractor for this program is [redacted], 25X1
[redacted] Based upon technical background and fabrication facilities it is felt that this firm is well qualified for the project.

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4. Total Cost

The total estimated cost for this additional work is \$13,626.80. Charges are to be made against Allotment Number 9-2502-75-901. A time extension has been granted until 8 July 1959.

5. Support Requirements

There is no support required from other government agencies; however, this program has been fully coordinated with [] PP Staff.

25X1

6. Security Information

Contract RD-155 is an Agency sterile contract. Task II is also Agency sterile. Government interest may be shown. The item per se is unclassified. Agency interest in all work and material under the contract and task is classified Secret and may be divulged only on a need-to-know basis to appropriate security approved personnel.

7. Project Engineer

The project engineer for this program is [], Room 210, [] extension []

25X1

25X1

25X1

Chief

TSS/Engineering Division

DD/P/TSS/ED/I [] :mt

25X1

Distribution:

Orig - ED-188B when ret'd from C/TSS

1 - AA File

1 - ED Chrono

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DATE

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TO: (Officer designation, room number, and building)

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